

ABSTRACT

The invention relates to a process for the cold transformation of urban solid refuses (USR) and/or sludge into inert materials including feeding USR and/or sludge from respective feeding lines; introducing the materials within a micronizer in order to reduce the granulometry and to recover water contained therein; adding CaO in an amount between 5 and 10% in weight of the main component; adding CaCO₃ in an amount between 5 and 10% in weight of the main component; adding a polymeric additive in an amount between 3 and 10% in weight of the main component; conveying the product to the shaping and stocking step. The invention also relates to a plant for the realisation of the above process and to the products obtained.

15